

FIGURE 3

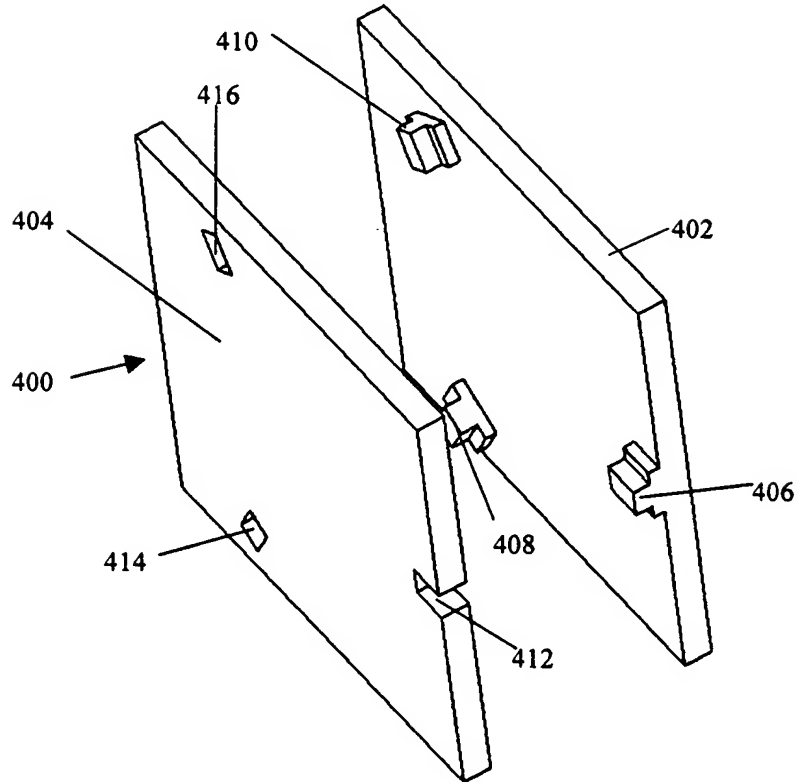


FIGURE 4

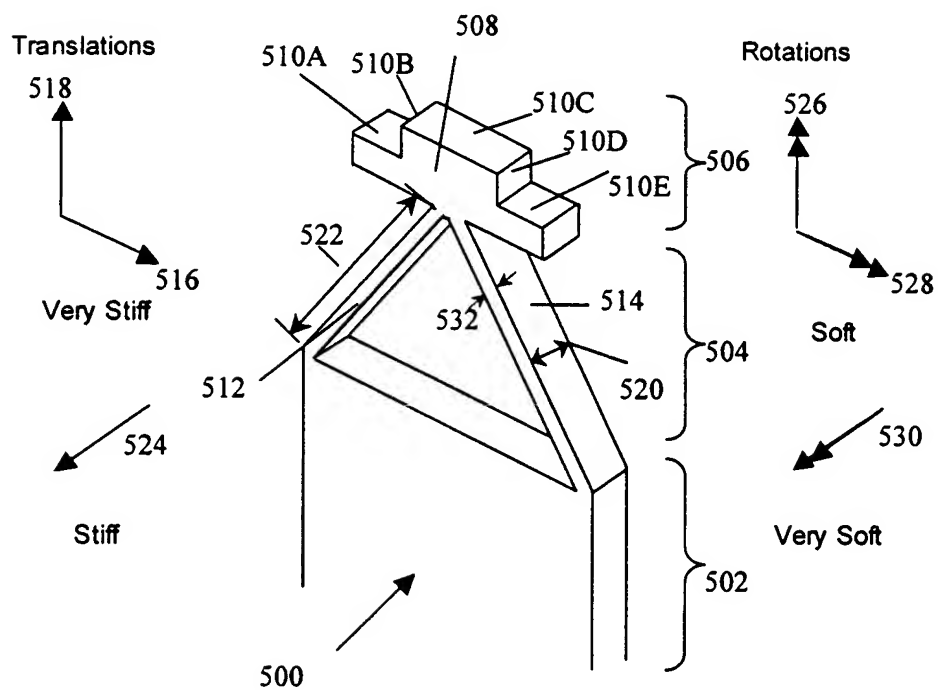


FIGURE 5



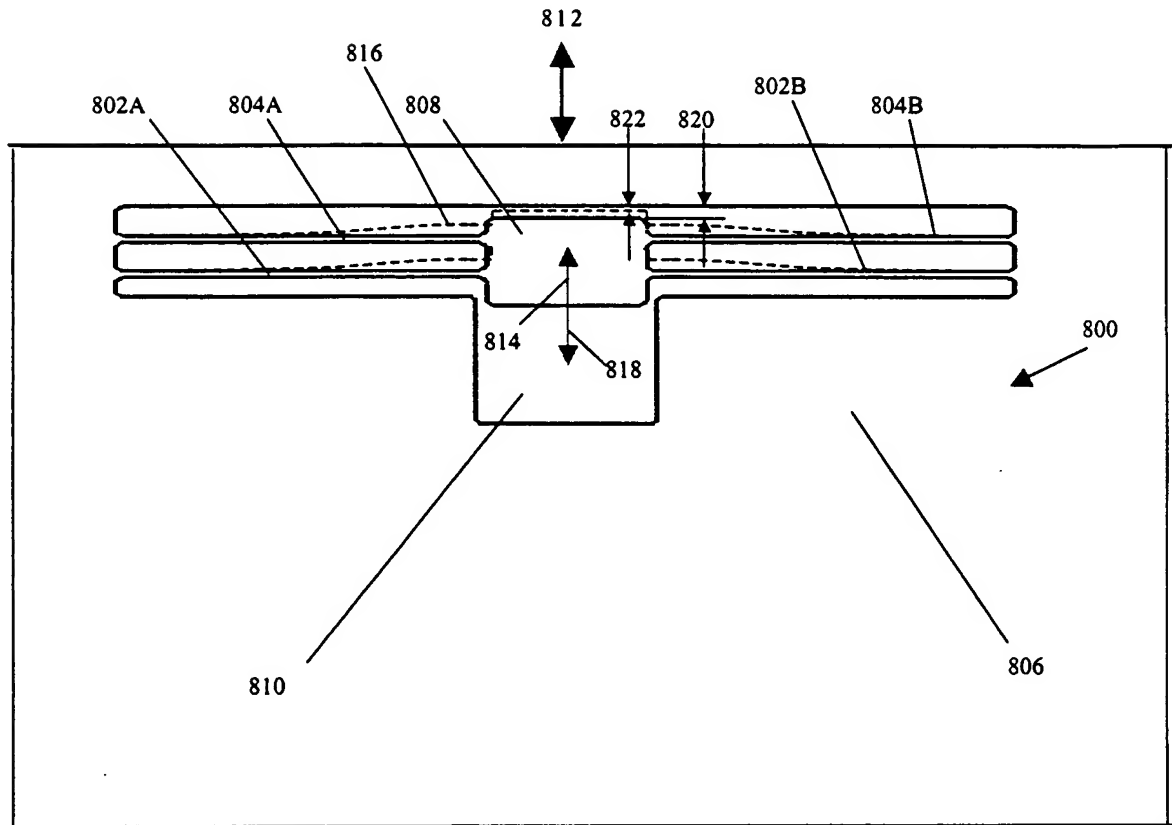


FIGURE 8

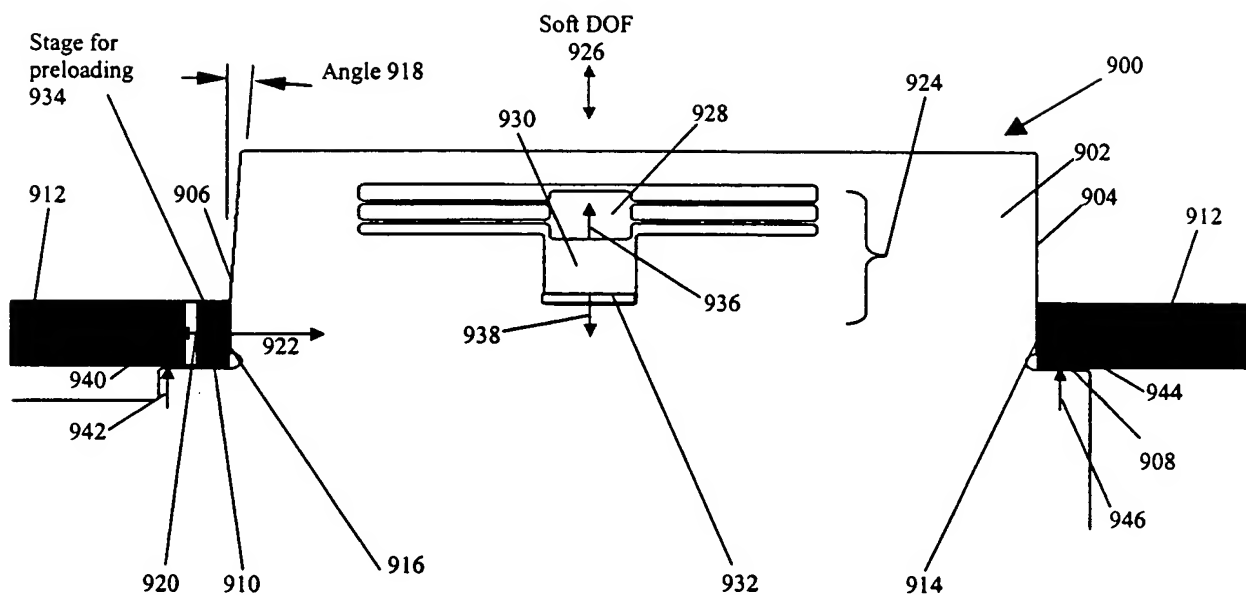


FIGURE 9

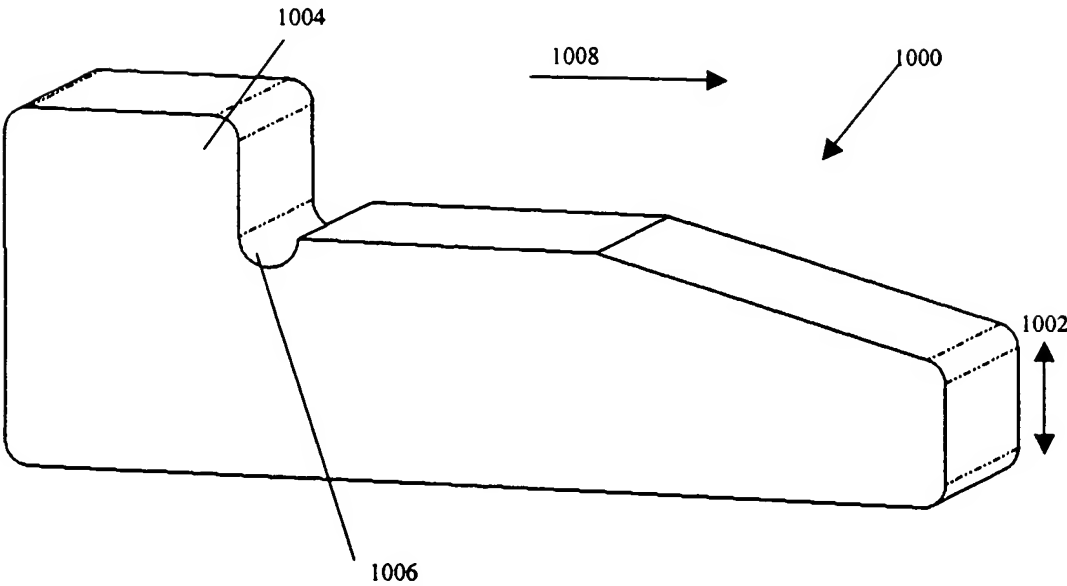


FIGURE 10

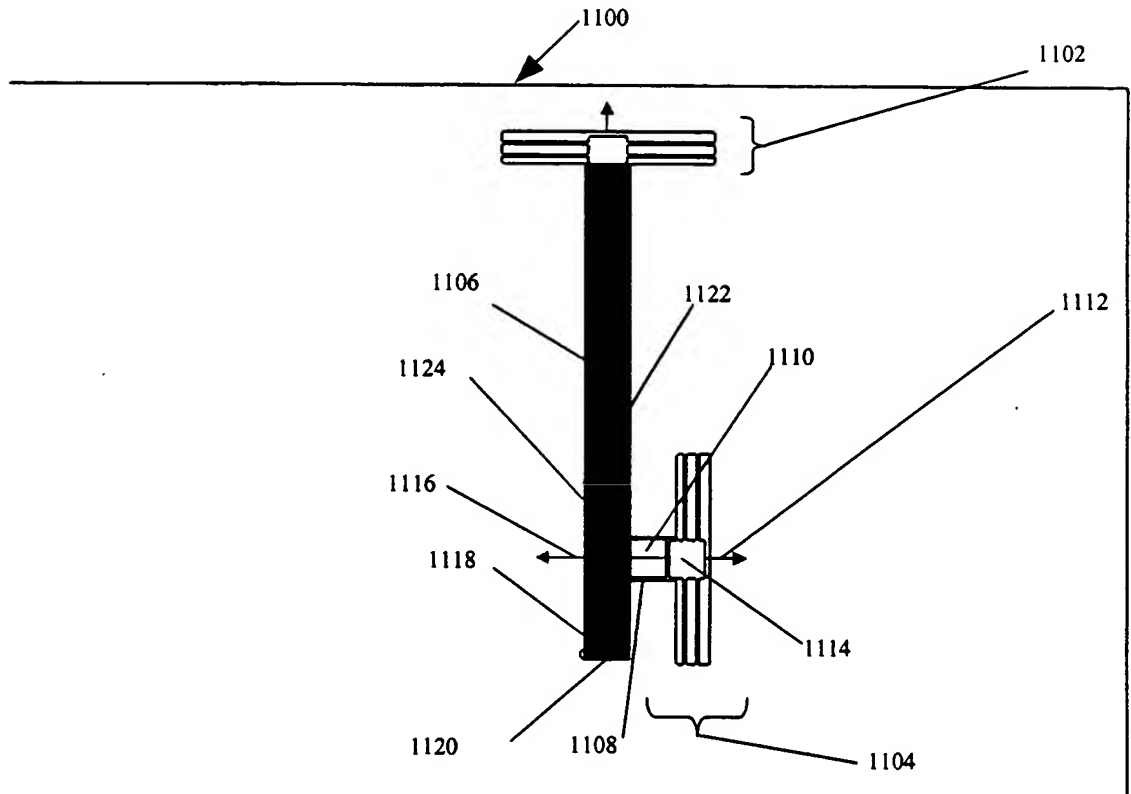


FIGURE 11



FIGURE 12A

Redundant Connecting Element 1206
2 DOF position control each
4-5 DOF stiffness each

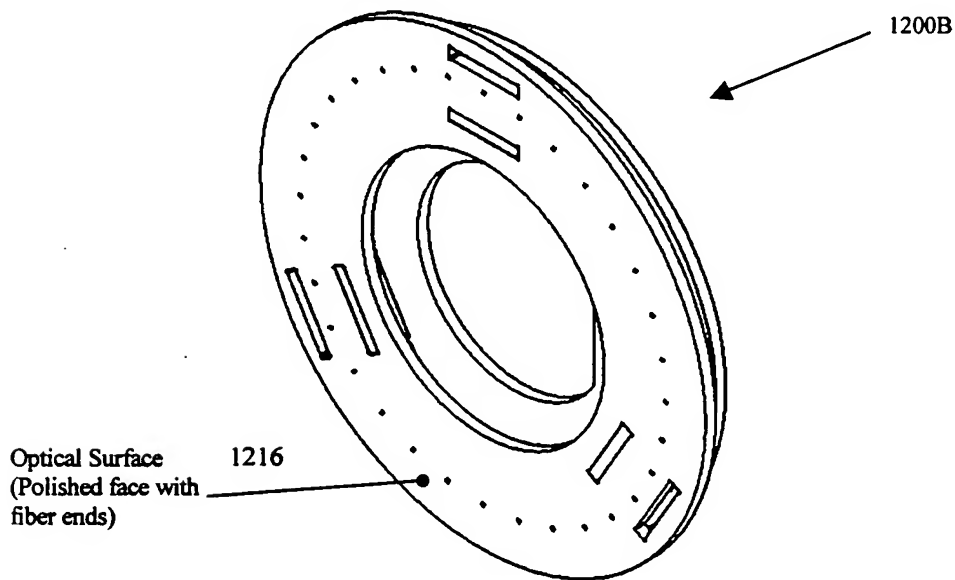
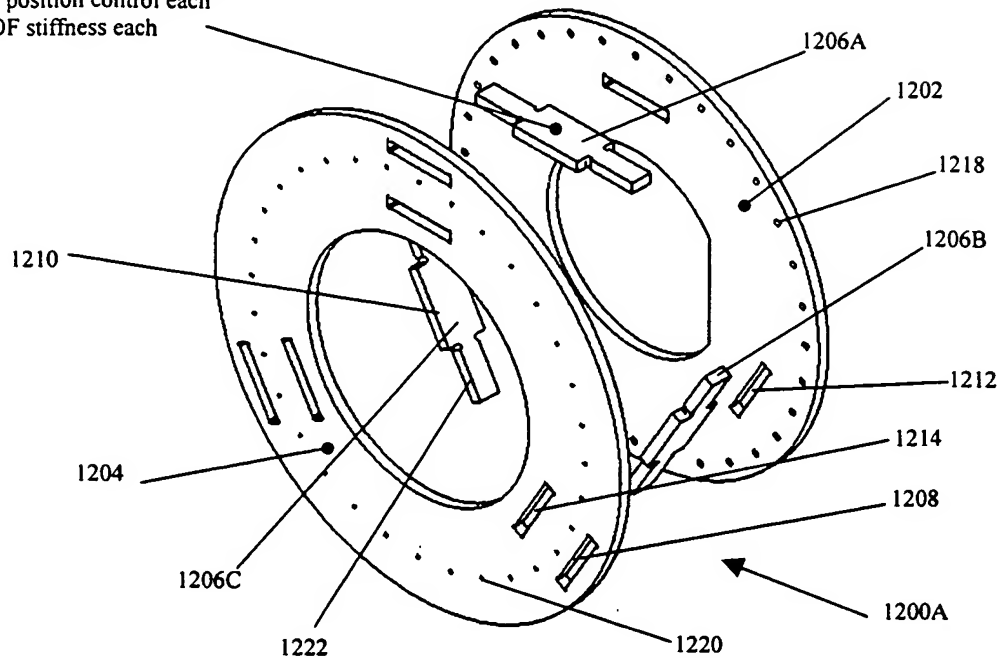


FIGURE 12B

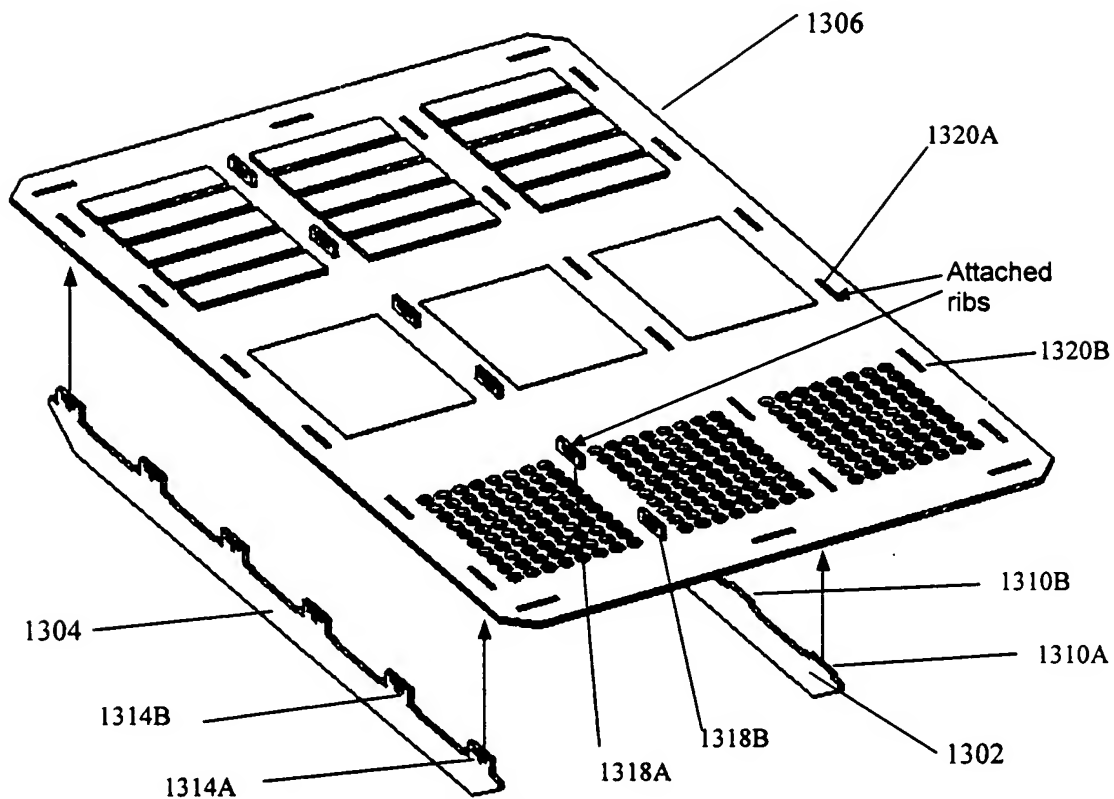


FIGURE 14

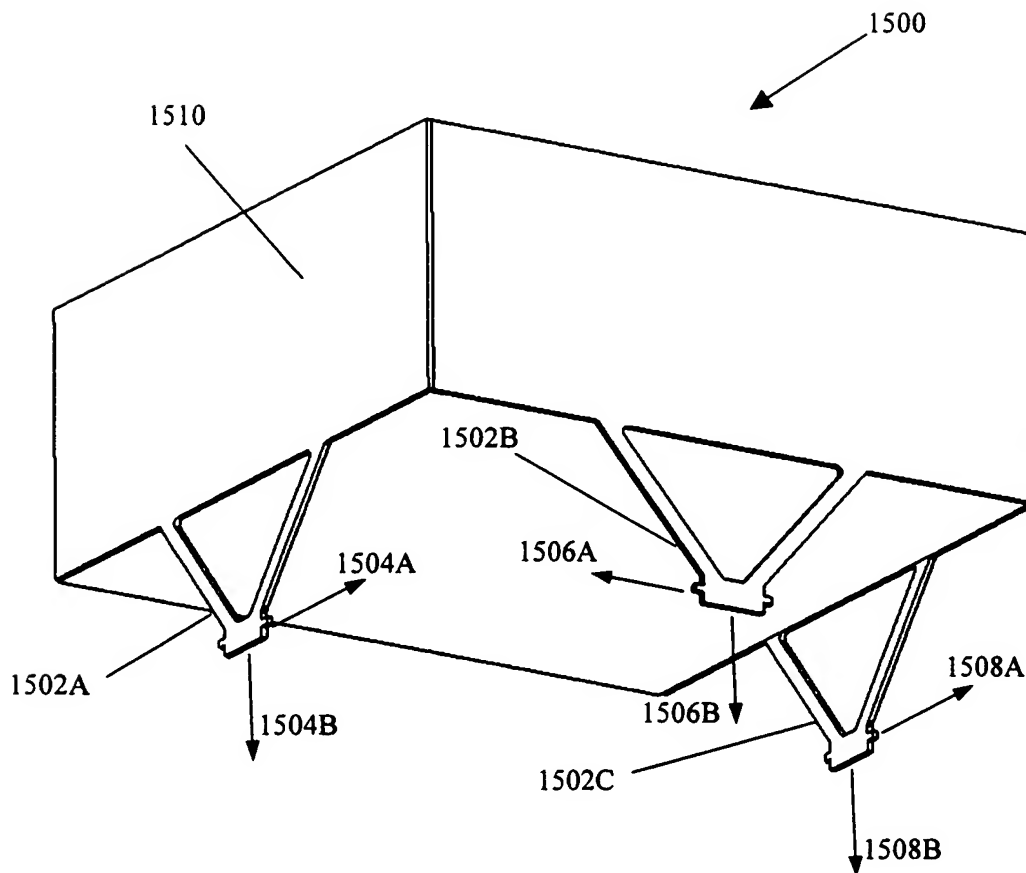


FIGURE 15

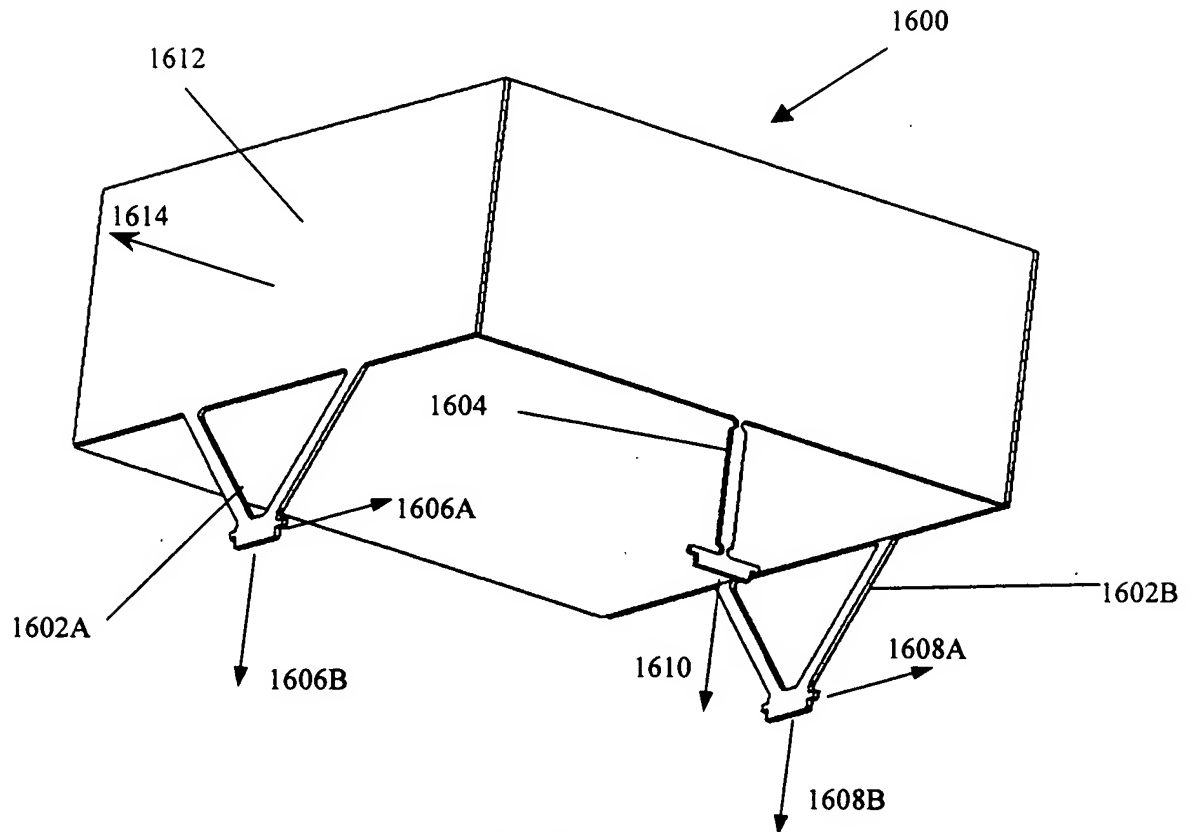


FIGURE 16

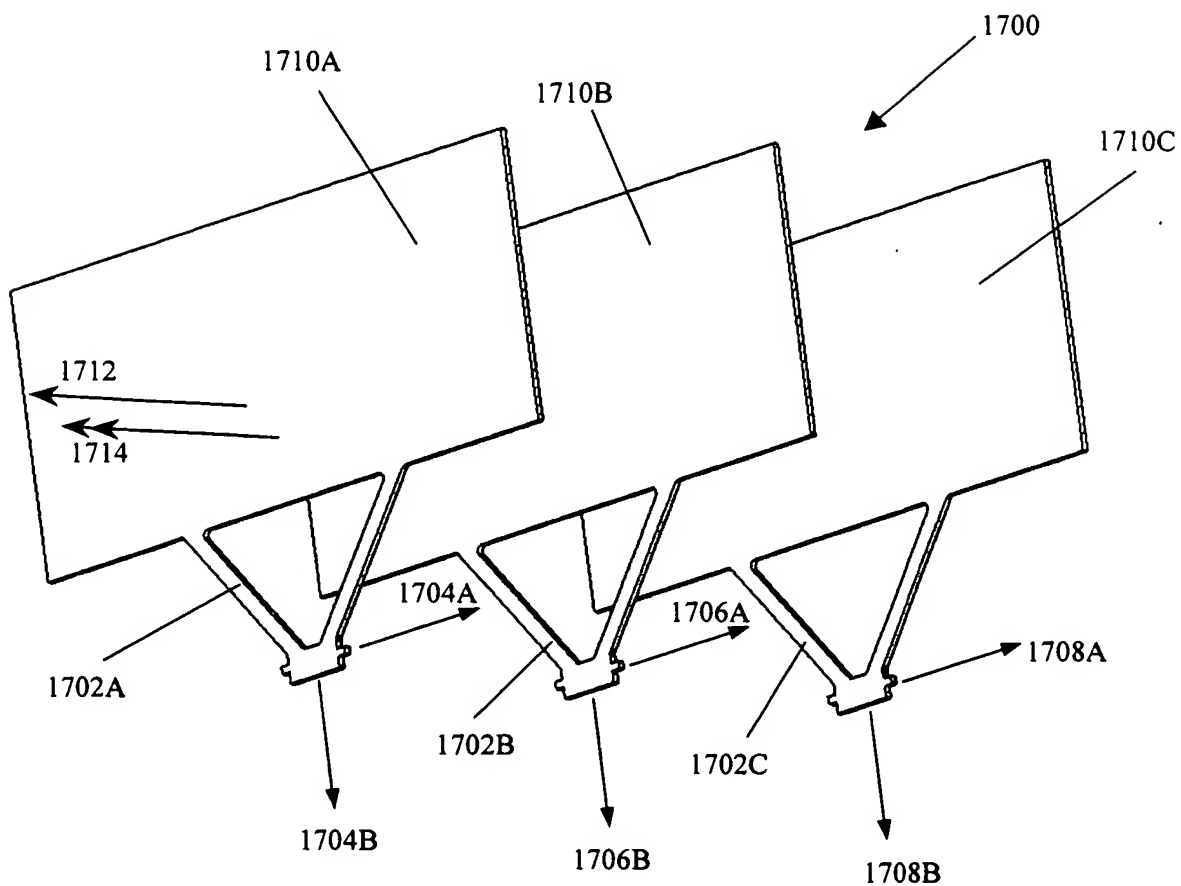


FIGURE 17

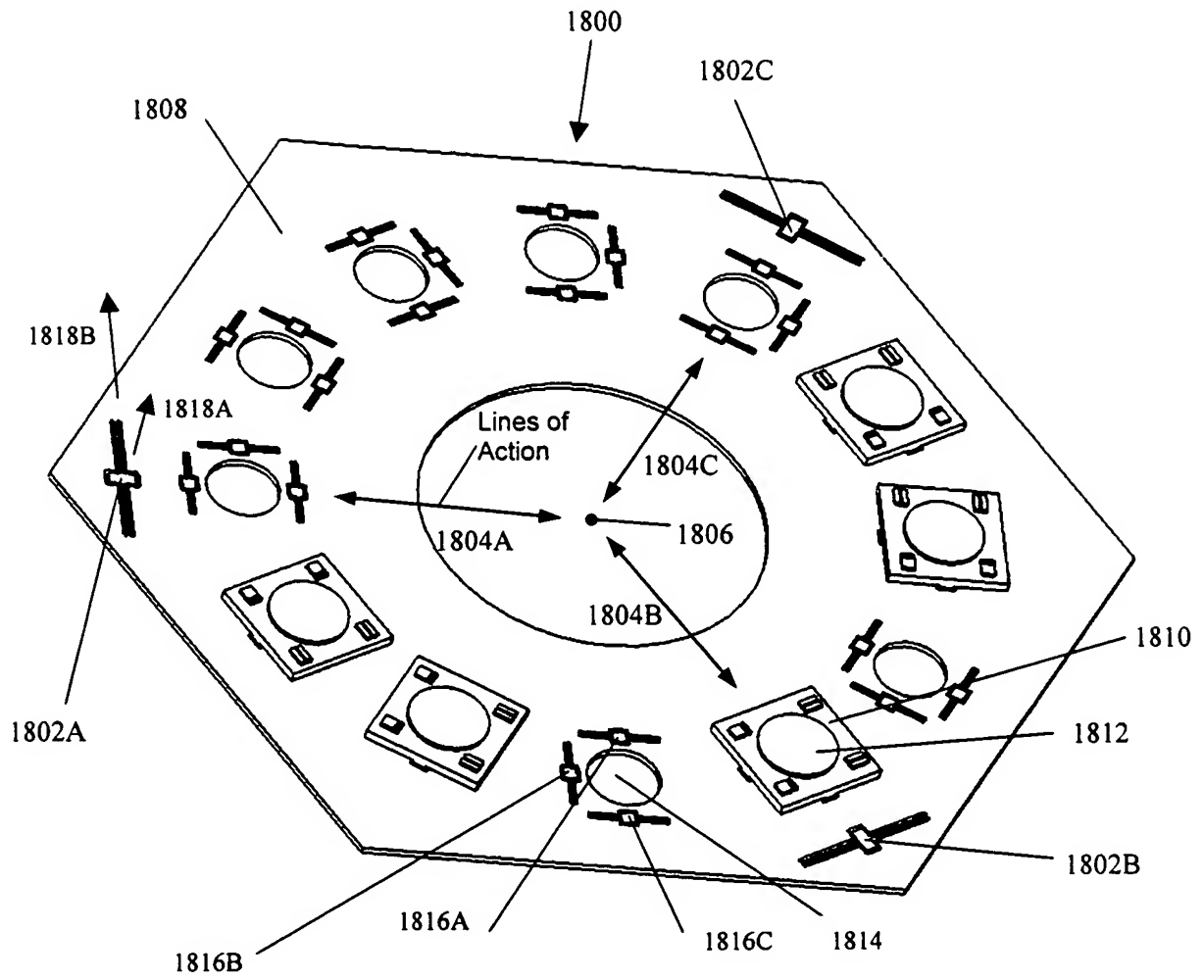


FIGURE 18

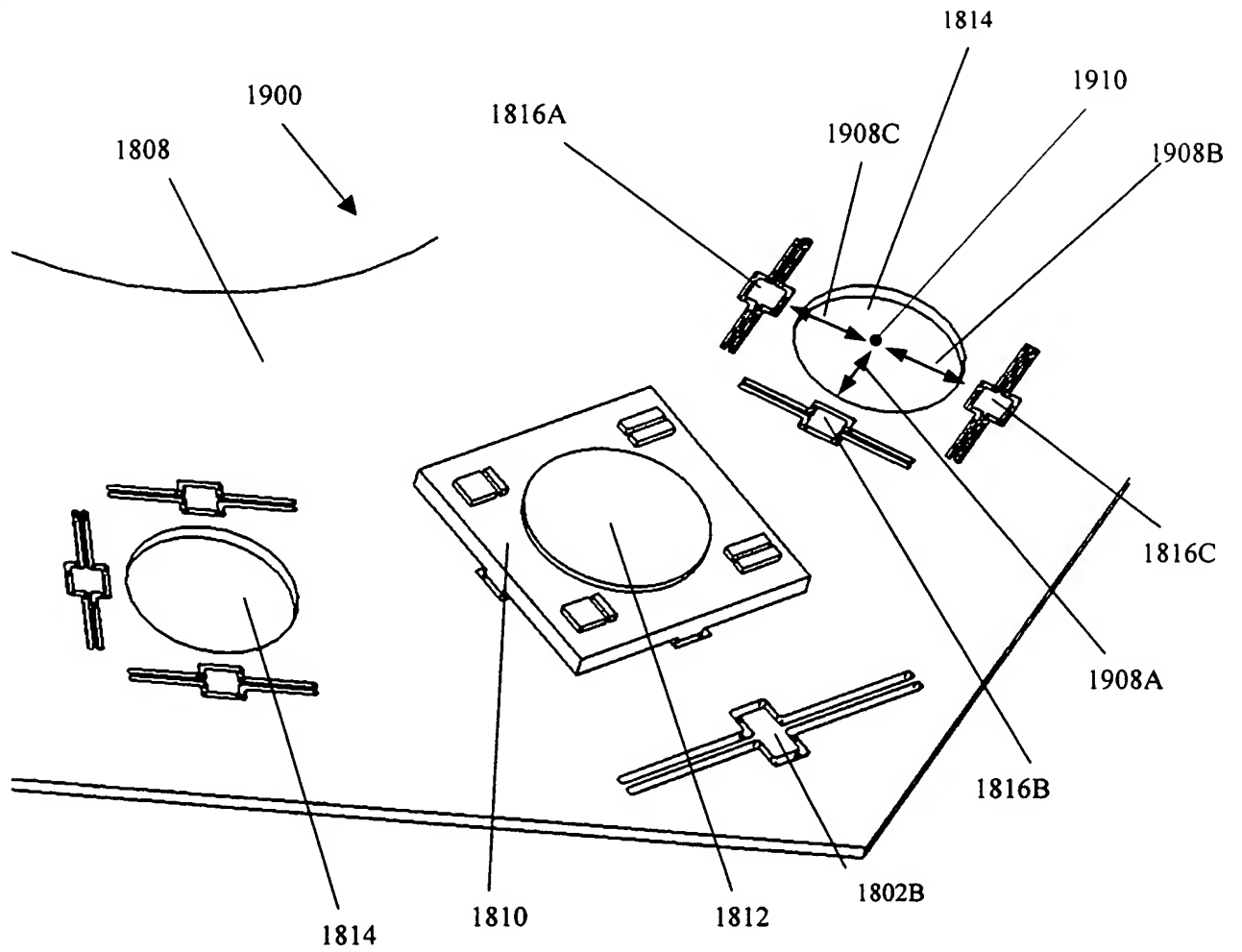


FIGURE 19

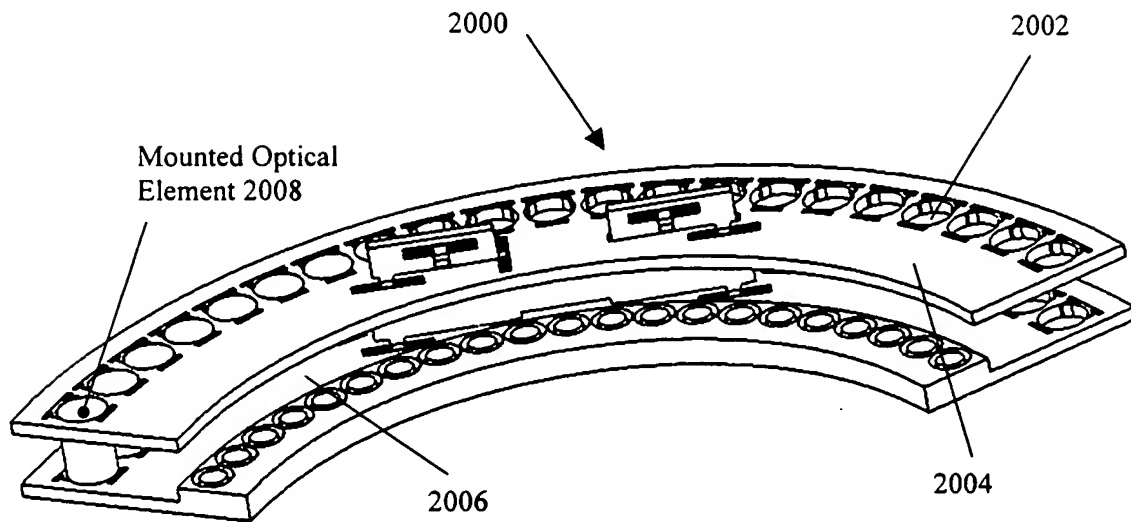


FIGURE 20

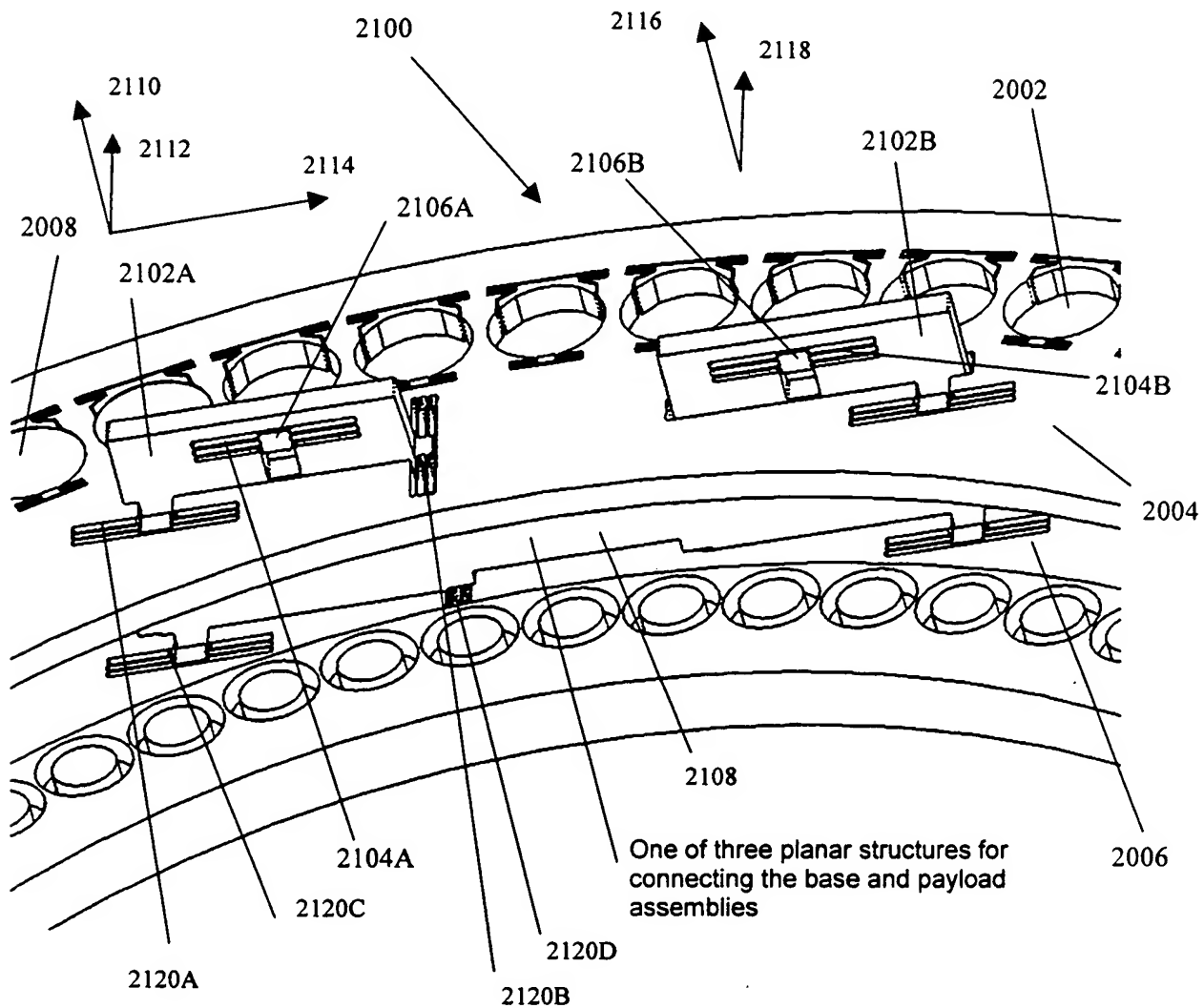


FIGURE 21

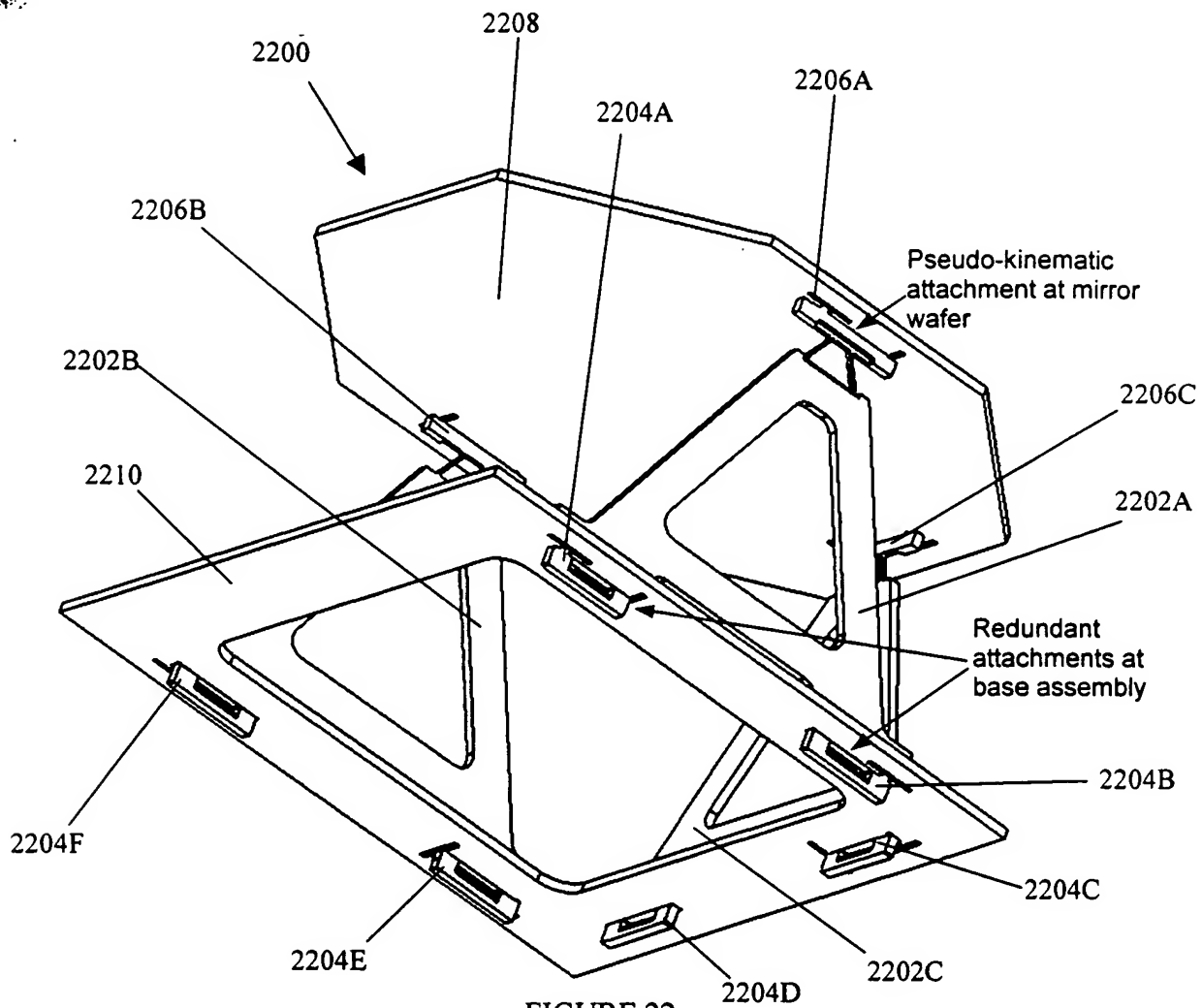


FIGURE 22

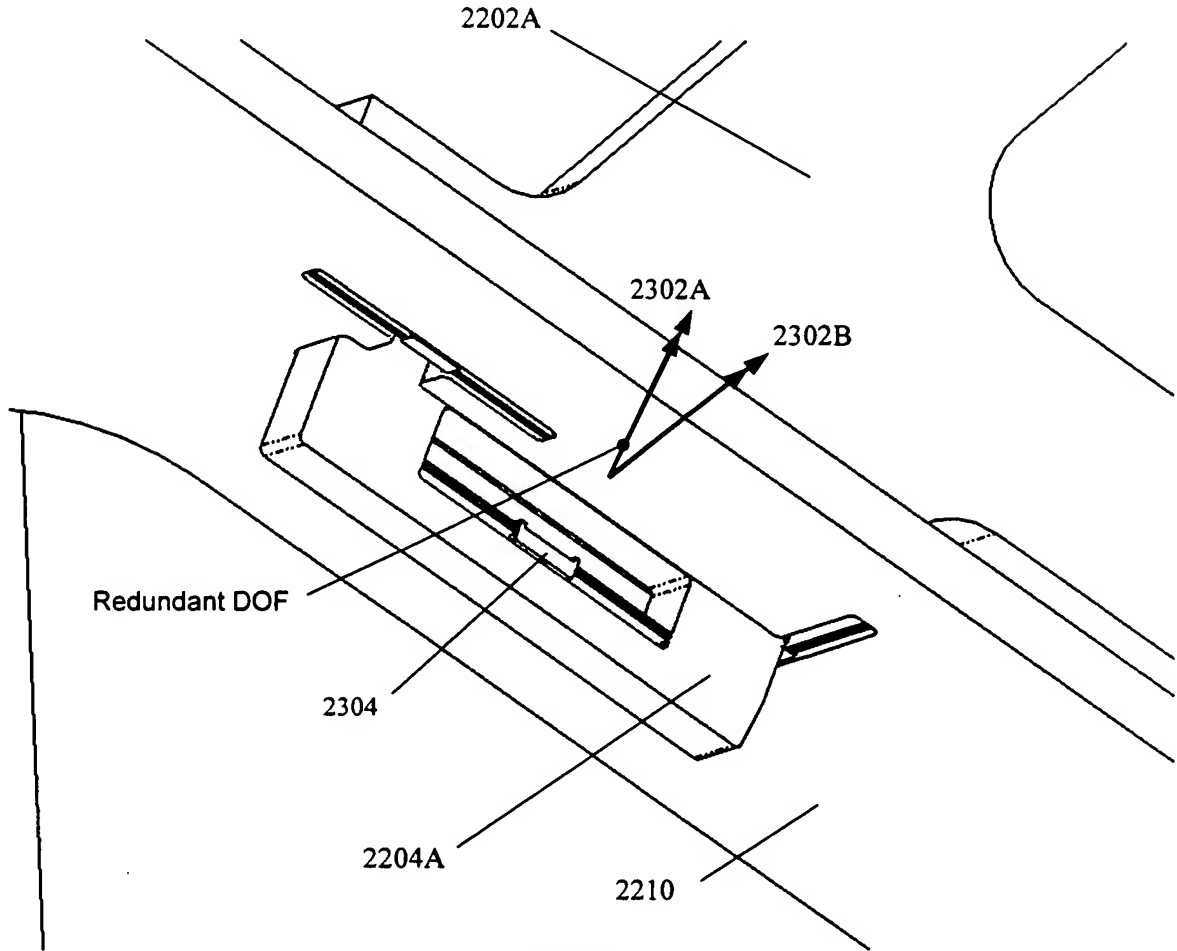


FIGURE 23

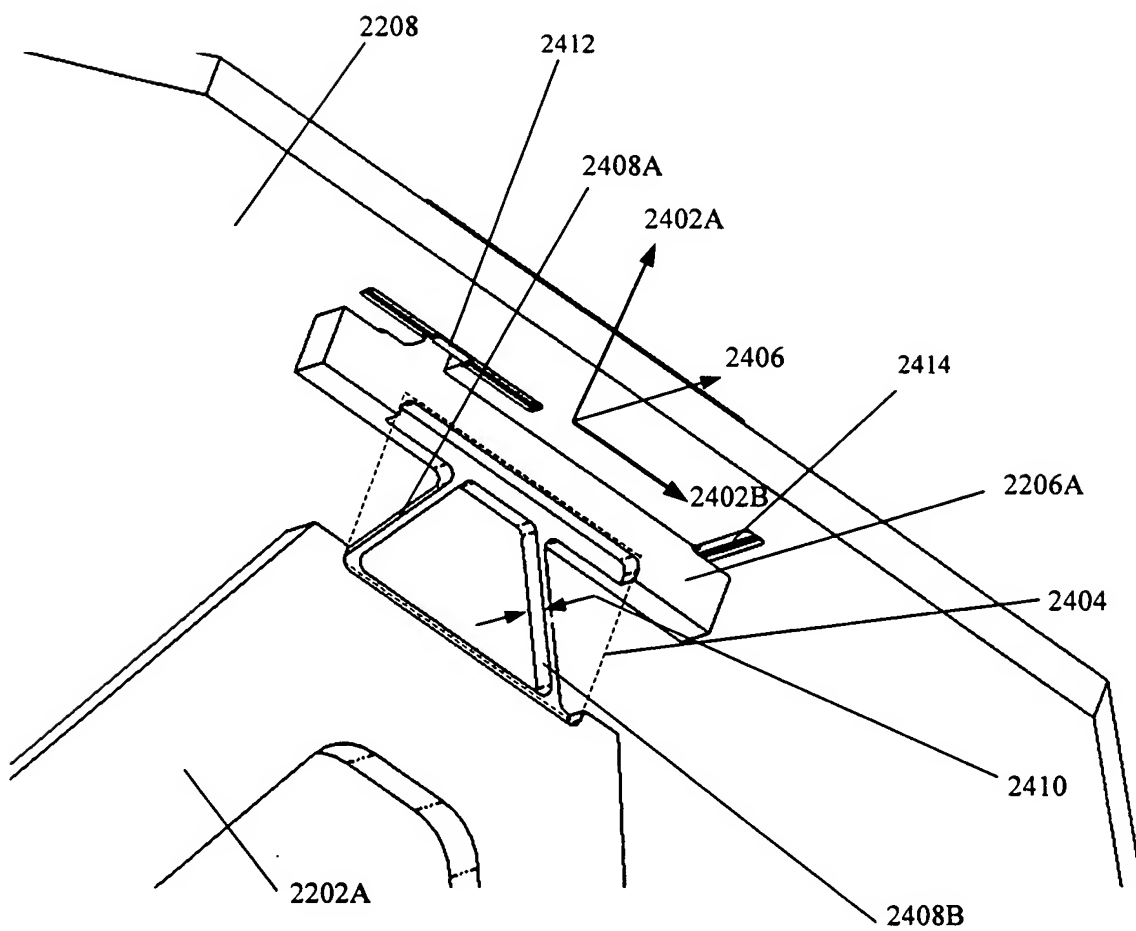


FIGURE 24

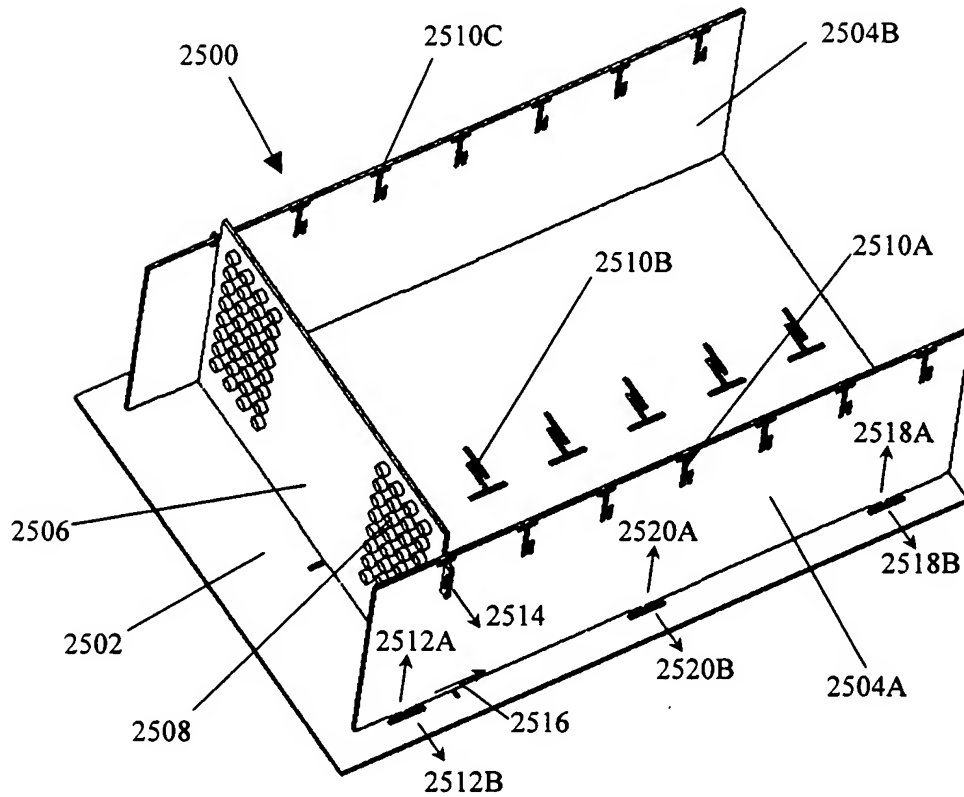
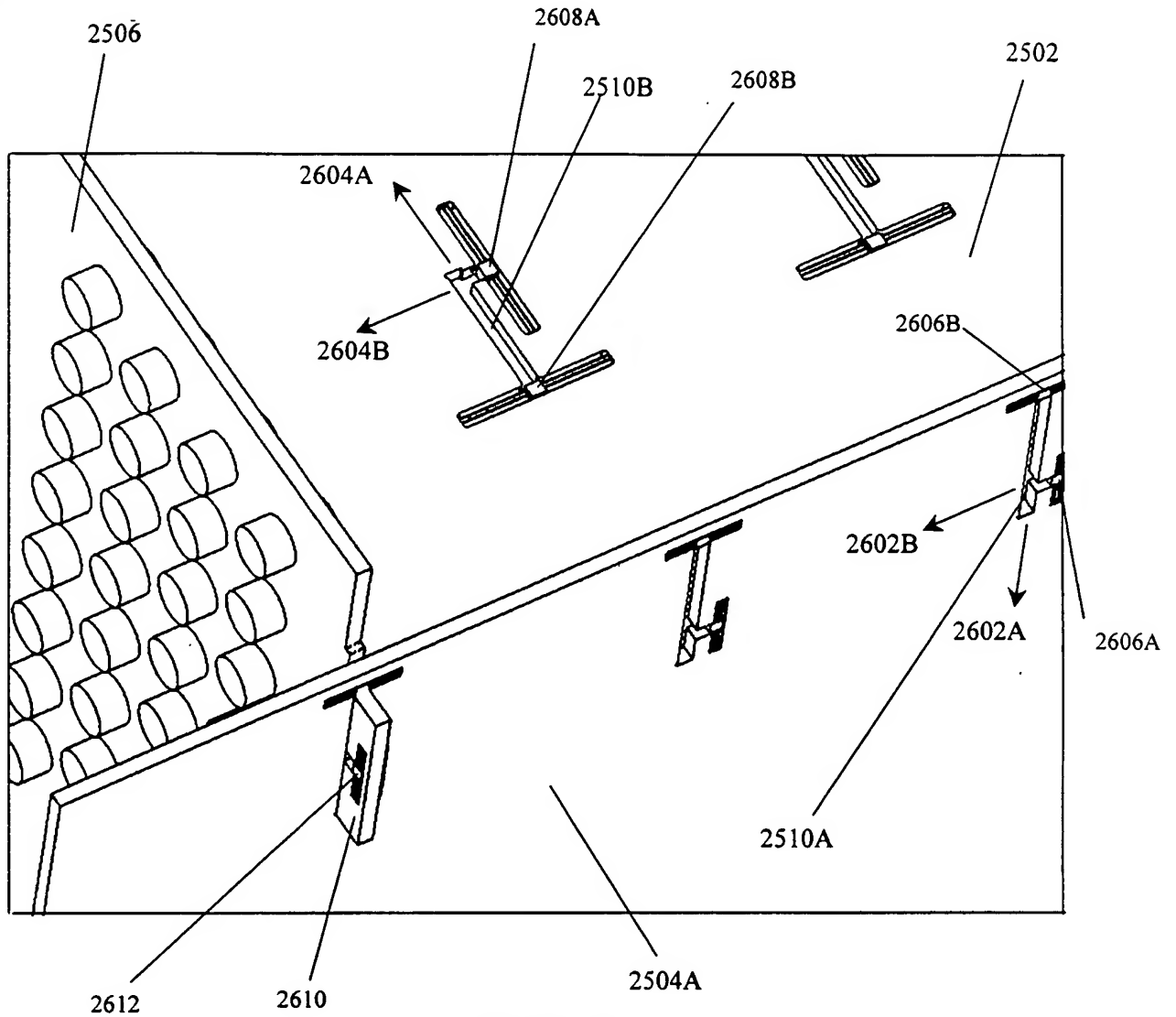


FIGURE 25



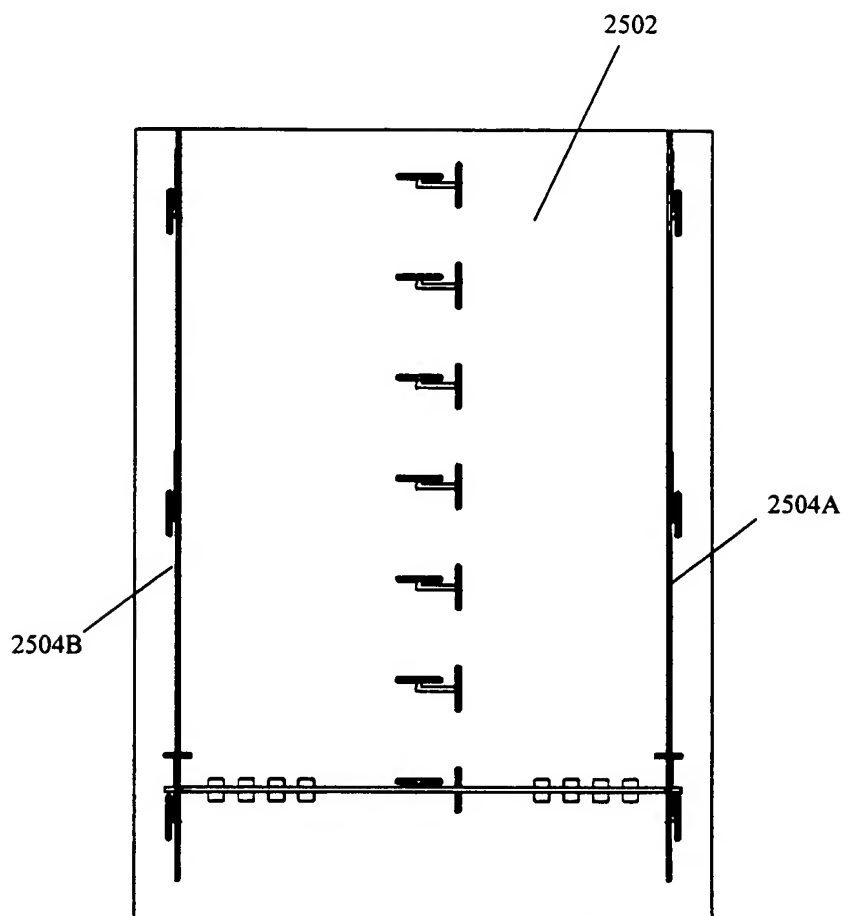


FIGURE 27

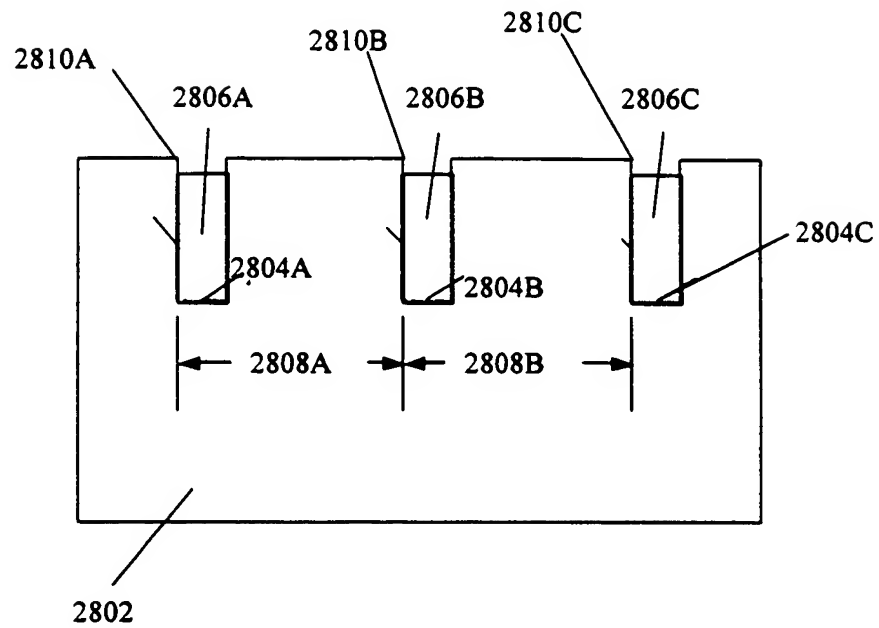


FIGURE 28

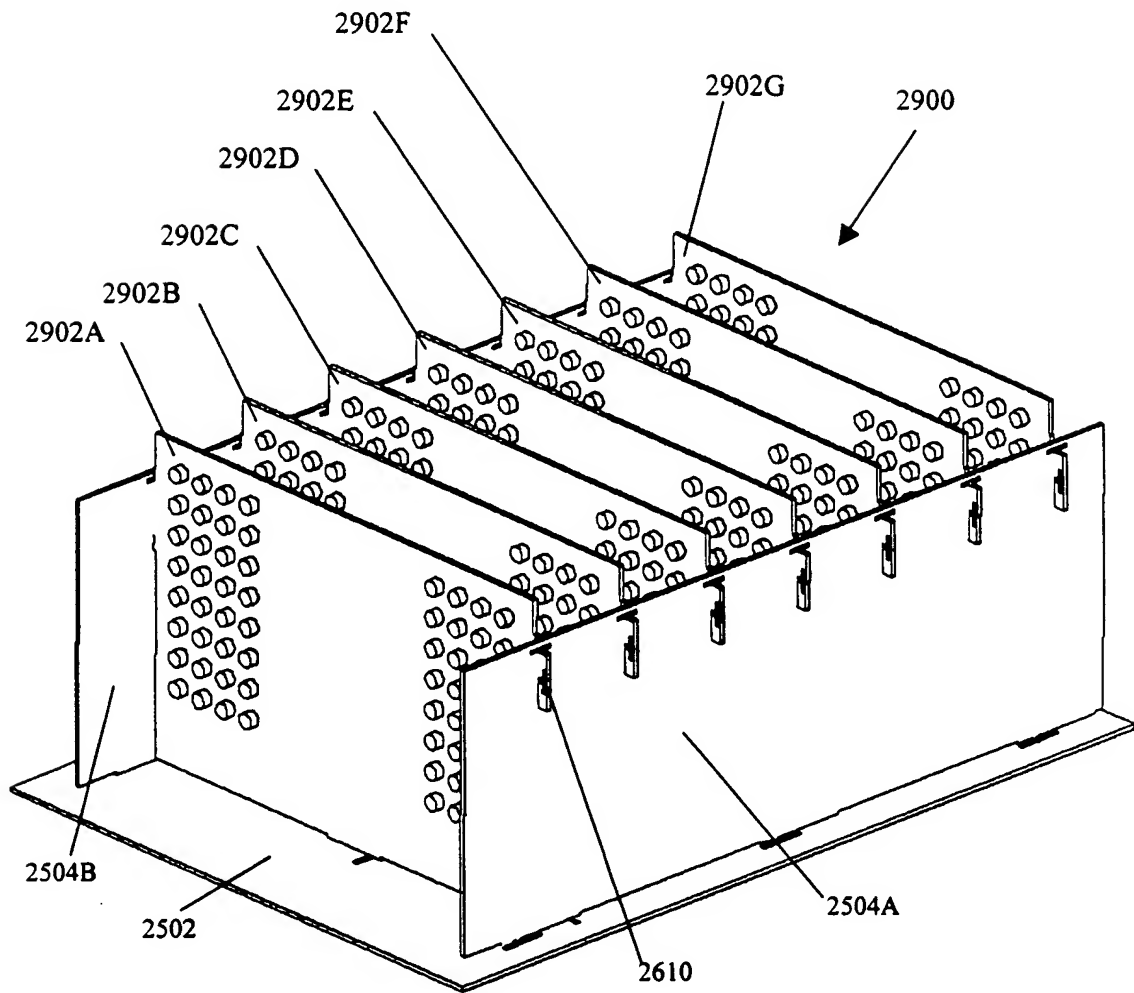


FIGURE 29

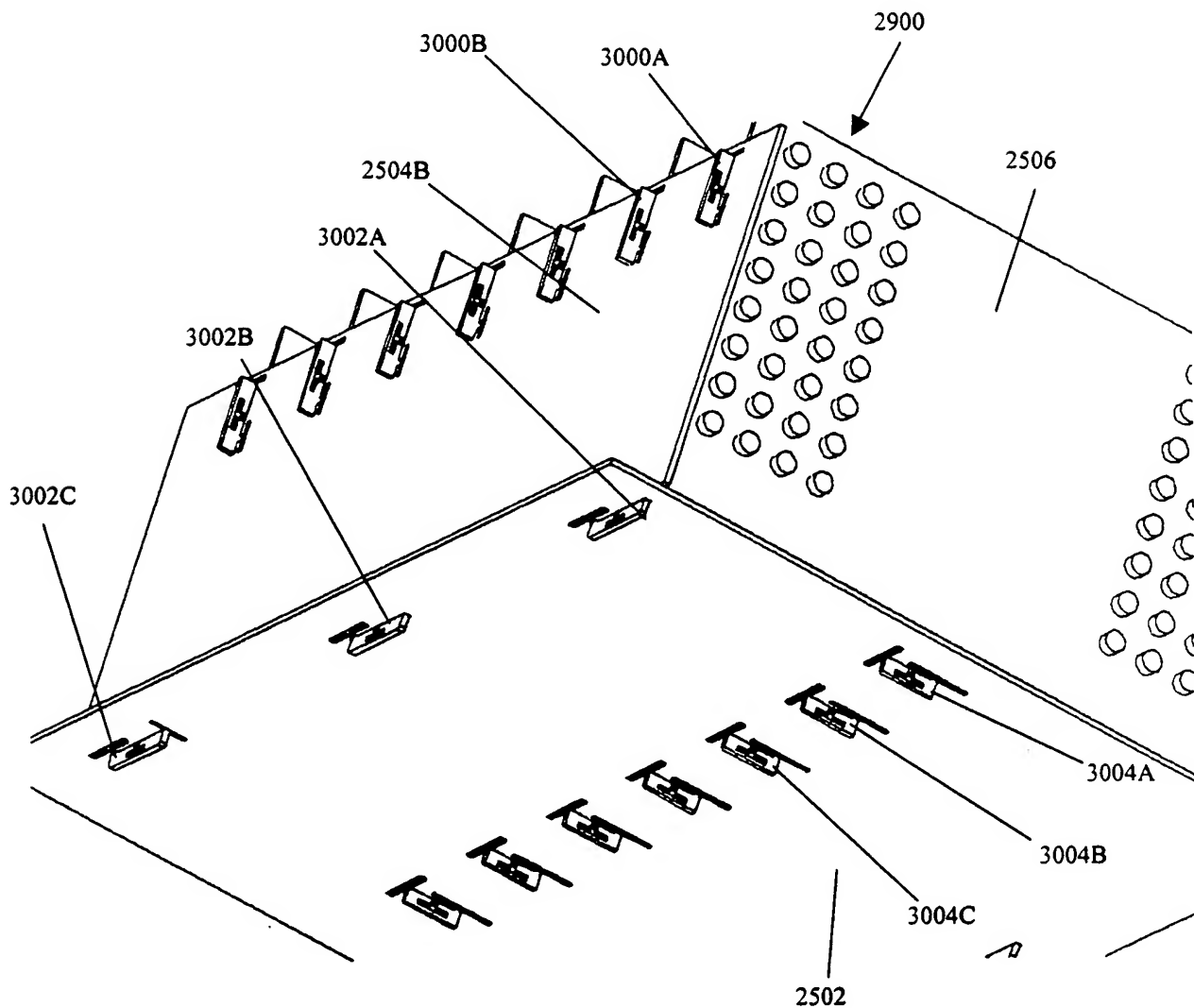


FIGURE 30

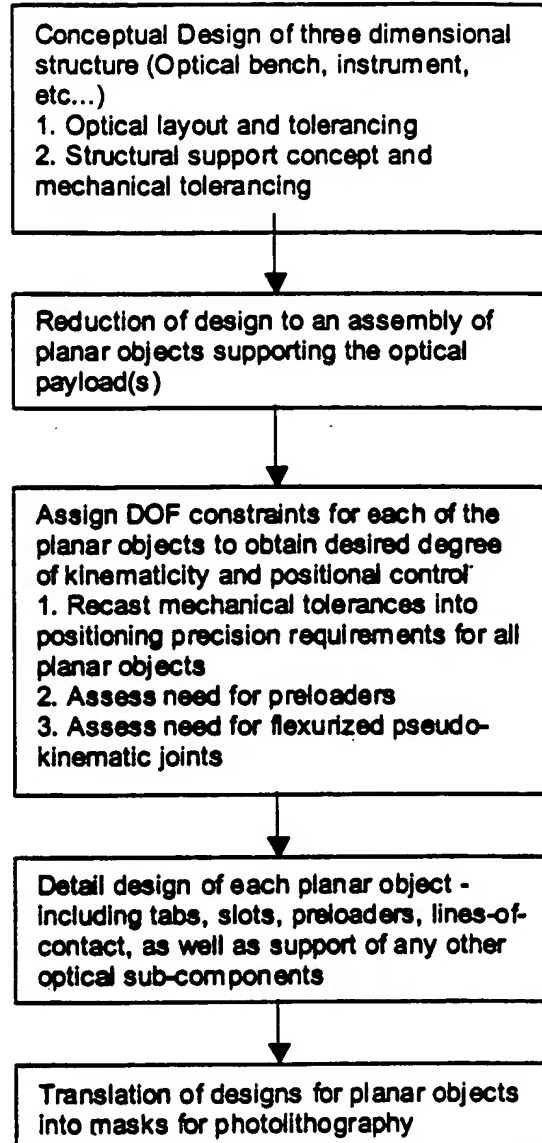


FIGURE 31

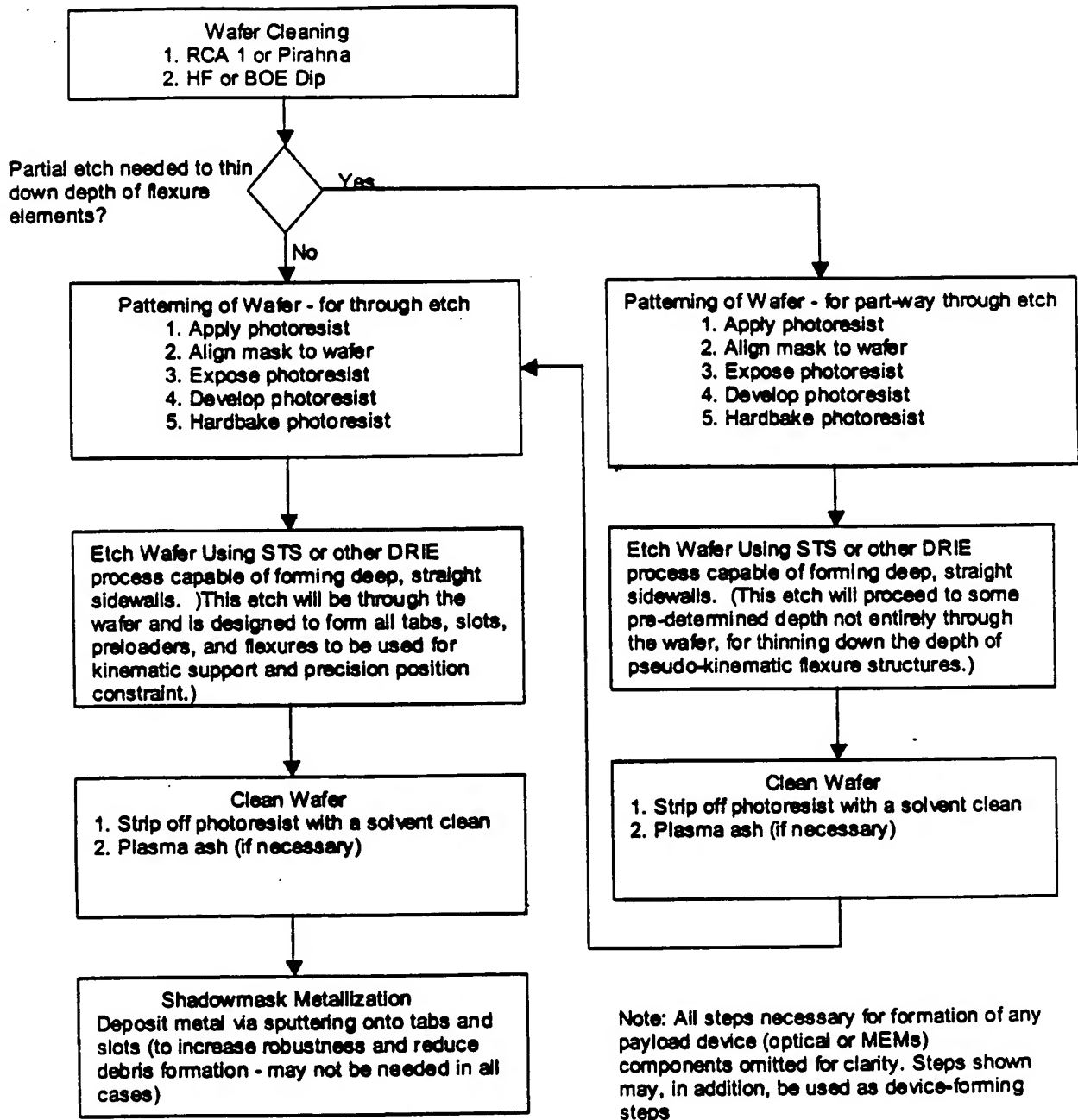
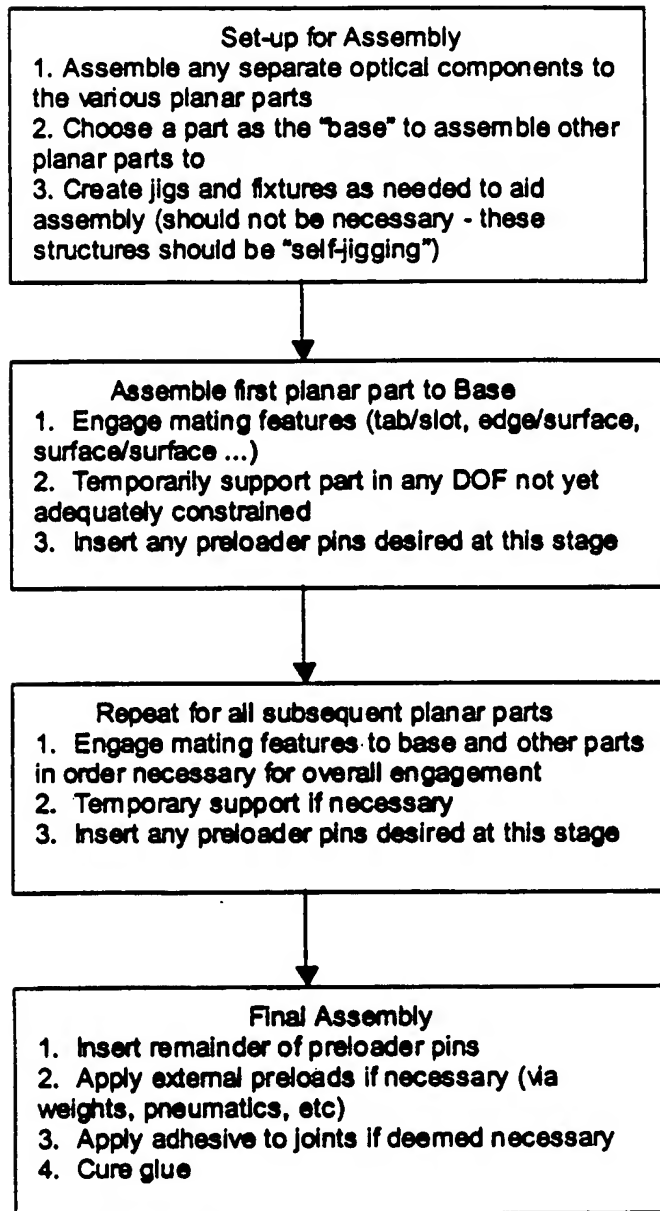


FIGURE 32



Note: A bottom-to-top topology is assumed here (as in Figure 1: a base, 3 connecting elements (bipods), and a payload). If the topology is more complex (such as a ring), a more complex assembly procedure is required, possibly also requiring jigs/fixtures.

FIGURE 33